

## REMARKS

In the Official Action mailed on **July 1, 2004**, the Examiner reviewed claims 1-21. Claims 1-21 were rejected under 35 U.S.C. §102(e) as being anticipated by Evans et al (USPub 2002/0129337 A1, hereinafter “Evans”).

### Rejections under 35 U.S.C. §102(e)

Independent claims 1, 8, and 15 were rejected as being anticipated by Evans. Applicant respectfully points out that Evans teaches debugging an **application program** that is executing on a platform-independent (Java) virtual machine (see Evans, Abstract and paragraph [0040]).

In contrast, the present invention recovers and displays the state of variables within a platform-independent virtual machine so that an analyst can determine if the **platform-independent virtual machine is operating correctly** and, if not, determine a possible cause for the incorrect operation (see paragraphs [0030] and [0031] of the instant application).

Determining if the platform-independent virtual machine is operating correctly is different than debugging an application program, which runs on the platform-independent virtual machine. During debugging of an application program, it is assumed that the platform-independent virtual machine is operating correctly. Determining if the platform-independent virtual machine is operating correctly is more difficult (particularly on systems with limited memory) because the platform-independent virtual machine is typically operating on a device with few, if any, debugging programs to aid in porting the platform-independent virtual machine (see paragraph [0004] of the instant application).

Accordingly, Applicant has amended independent claims 1, 8, and 15 to clarify that the present invention displays the state of variables within a platform-independent virtual machine so that an analyst can determine if the platform-independent virtual machine is operating correctly and, if not, determine a

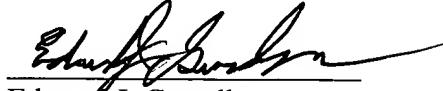
possible cause for the incorrect operation. These amendments find support in paragraphs [0030] and [0031] of the instant application.

Hence, Applicant respectfully submits that independent claims 1, 8, and 15 as presently amended are in condition for allowance. Applicant also submits that claims 2-7, which depend upon claim 1, claims 9-14, which depend upon claim 8, and claims 16-21, which depend upon claim 15, are for the same reasons in condition for allowance and for reasons of the unique combinations recited in such claims.

## CONCLUSION

It is submitted that the present application is presently in form for allowance. Such action is respectfully requested.

Respectfully submitted,

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